

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S1 | 4 | ((("4330237") or ("4961691") or ("5224836") or ("5967757"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/22 09:58 |
| S2 | 237 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/05 16:29 |
| S3 | 32070 | Le and combustion engine | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/05 16:30 |
| S4 | 335355 | combustion engine | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/05 16:30 |
| S5 | 335355 | (combustion engine) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/05 16:30 |
| S6 | 55 | S2 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 16:59 |
| S7 | 237 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 09:40 |
| S8 | 282409 | internal combustion engine | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/08 09:40 |
| S9 | 52 | S7 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/08 09:40 |
| S10 | 167 | (417/26).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/09 10:14 |
| S11 | 365 | (417/28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/09 10:14 |
| S12 | 323 | 417/26 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/10 13:40 |
| S13 | 167 | (417/26).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 13:41 |

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|-----|--------|--|---|------|-----|------------------|
| S14 | 60 | ("2339957" "2629536" "2789755" "3043495" "3068796" "3088656" "3251534" "3291378" "3563672" "3699810" "3716305" "3731070" "3753626" "3826904" "3860363" "3875380" "3876872" "3878376" "3891836" "3898441" "3934128" "3947665" "4037598" "4048964" "4055082" "4069675" "4088875" "4108574" "4109313" "4115848" "4119391" "4137011" "4145161" "4146923" "4151718" "4171931" "4178132" "4204808" "4208871" "4227862" "4330237").PN. OR ("4486148").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/05/10 15:39 |
| S15 | 365 | (417/28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 16:00 |
| S16 | 120 | (417/29).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/10 16:00 |
| S17 | 120 | (417/29).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 10:32 |
| S18 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 10:49 |
| S19 | 105 | (417/278).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 11:21 |
| S20 | 87 | (417/280).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 11:21 |
| S21 | 4 | ((("4330237") or ("4961691") or ("5224836") or ("5967757"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/12 15:06 |
| S22 | 167 | (417/26).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/12 15:19 |
| S23 | 818718 | Engine | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/12 15:19 |
| S24 | 259180 | Compressor | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/12 15:20 |
| S25 | 620410 | Control\$3 system | US-PGPUB; USPAT; USOCR; EPO; JPO | NEAR | ON | 2006/05/12 15:21 |

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|-----|--------|--|---|------|-----|------------------|
| S26 | 12452 | S23 S24 S25 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/12 15:21 |
| S27 | 52275 | S23 S24 | US-PGPUB; USPAT; USOCR; EPO; JPO | SAME | ON | 2006/05/12 15:21 |
| S28 | 9404 | S27 S25 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/12 15:22 |
| S29 | 77303 | compressor with gas | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/12 15:23 |
| S30 | 4514 | S28 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/12 15:23 |
| S31 | 593 | (pump pressure bolt).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/15 08:54 |
| S32 | 100 | ((fuel pump) pressure bolt).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/15 08:59 |
| S33 | 23 | ((fuel pump) pressure bolt).clm. | US-PGPUB | AND | ON | 2006/05/15 09:00 |
| S34 | 106 | (pump pressure bolt).clm. | US-PGPUB | AND | ON | 2006/05/15 09:00 |
| S35 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/16 09:17 |
| S36 | 10 | S35 and (compressor suction pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/16 09:17 |
| S38 | 112811 | "417"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 10:00 |
| S39 | 112811 | "417"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 10:00 |
| S40 | 2877 | (compressor near4(suction adj pressure)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 10:02 |

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|-----|--------|--|---|-----|-----|------------------|
| S41 | 773 | S39 S40 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 10:01 |
| S42 | 4457 | (compressor near4(discharge adj pressure)) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 10:02 |
| S43 | 340 | S41 S42 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 12:10 |
| S44 | 201 | 417/34 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 12:10 |
| S45 | 162542 | (suction or inlet) near3 pressure | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 12:13 |
| S46 | 61 | S44 S45 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 12:11 |
| S47 | 28098 | ((suction or inlet) near3 pressure) with control | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 12:14 |
| S48 | 29 | S44 S47 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/22 16:48 |
| S49 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/22 16:48 |
| S50 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/22 16:59 |
| S51 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/23 09:53 |
| S52 | 62002 | ("417").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/05/23 09:53 |
| S53 | 547058 | (suction or inlet near3 pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 09:53 |
| S54 | 12201 | S52 S53 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 09:54 |

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| S55 | 1243866 | (engine or motor with control) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 09:54 |
| S56 | 5278 | S54 S55 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 09:55 |
| S57 | 1274547 | (discharge or outlet near3 pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 09:55 |
| S58 | 4243 | S56 S57 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:13 |
| S59 | 162600 | (suction or inlet) near3 pressure | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:14 |
| S60 | 166456 | (discharge or outlet) near3 pressure | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:15 |
| S61 | 58822 | S59 S60 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:15 |
| S62 | 4746 | S52 S61 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:15 |
| S63 | 673295 | (engine or motor) with control | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:16 |
| S64 | 14725 | S59 S60 S63 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:16 |
| S65 | 1460 | S52 S64 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:19 |
| S66 | 26874 | (motor or control) with ((suction or discharge)near3 pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:25 |

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|-----|------|--|---|-----|-----|------------------|
| S67 | 2456 | "417"/.class. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:21 |
| S68 | 228 | S66 S67 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:21 |
| S69 | 158 | ("motor control") with ((suction or discharge)near3 pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:27 |
| S70 | 2 | S67 S69 | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 10:25 |
| S71 | 46 | ("motor control") with ((suction)near3 pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 11:14 |
| S72 | 92 | (reciprocating with compressor) and "suction pressure" and "discharge pressure" and (load with cylinder) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/23 11:15 |
| S73 | 0 | "417"/\$.class. and (engine with compressor with controller) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/24 12:23 |
| S74 | 0 | "417"/\$.class. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/24 12:23 |
| S75 | 98 | "417"/\$.ccls.(engine with compressor with controller) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/24 12:24 |
| S76 | 29 | ("1998265" "3443376" "3508530" "3717029" "4368705").PN. OR ("4496286").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/05/24 12:53 |
| S77 | 5 | S75 and injector\$2 | US-PGPUB; USPAT; USOCR | AND | ON | 2006/05/24 12:53 |
| S78 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/25 10:06 |
| S79 | 63 | S78 and "load" | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/25 10:54 |

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| S80 | 3370 | "417"/\$.ccls. (compressor with valve with chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/25 10:56 |
| S81 | 81 | "417"/\$.ccls. ("reciprocating compressor" with valve with chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/25 11:22 |
| S82 | 208 | (417/213).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/25 11:34 |
| S83 | 3 | ((("6,212,893") or ("6,213,728") or ("6,213,728") or ("6,162,026"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/25 11:34 |
| S84 | 74 | ("2322568" "2490115" "2600632" "2606503" "2639585" "2755740" "2799995" "2907279" "2975717" "3153984" "3695789" "3723025" "3752189" "3792936" "3812765" "3958494" "4198195" "4325215" "4338965" "4342545" "4348159" "4443159" "4496290" "4531898" "4540347" "4558998" "4567813" "4768540" "4770612" "4971535" "5035254" "5141418" "5168704" "5174339" "5178525" "5209058" "5235806" "5266018" "5357935" "5413466" "5435718" "5448882" "5484271" "5505592" "5518380" "5538400" "5545018" "5562432" "5613535" "5690479" "5715674" "5716201" "5733109" "5738500" "5800131" "5806300" "5833438" "5895209" "5896737" "5951240" "6102001" "6412271" "6508225" "6578777").PN. OR ("6962485").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/05/25 11:55 |
| S85 | 126 | (417/308).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/25 12:33 |
| S86 | 601 | "417"/\$.ccls. and (compressor with (load\$3 or unload\$3 or un-load\$3) with engine) | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/05/25 12:38 |
| S87 | 198 | (417/304).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/25 12:38 |
| S88 | 46 | (417//277).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/25 18:37 |

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| S89 | 10 | ("1616991" "4330237" "4496286" "4961691" "5224836" "5967757" "5997259").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/11/22 10:11 |
| S90 | 3 | S89 multiple | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/11/22 10:12 |
| S91 | 238 | (417/34).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/22 10:12 |
| S92 | 0 | S91 compressor multiple near cylinder | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/11/22 10:12 |
| S93 | 5 | S91 compressor multiple cylinder | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/11/22 10:13 |
| S94 | 1 | ("4496286").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/22 12:45 |
| S95 | 0 | ("10720767").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/22 12:45 |
| S96 | 1 | ("1616991").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/22 12:46 |
| S97 | 1 | ("4384826").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/22 12:46 |
| S98 | 40 | ("1586278" "1587015" "1588257" "1621913" "1997476" "2004474" "2197158" "2241195" "2261911" "2402848" "2536184" "2570624" "2575085" "2635585" "2761615" "2833462" "2981198" "3870436" "3878770" "3972652" "4068562").PN. OR ("4384826").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/11/22 12:50 |
| S99 | 905 | compressor multiple near cylinder | US-PGPUB; USPAT; USOCR | AND | ON | 2006/11/22 12:51 |
| S100 | 10 | ("1616991" "4330237" "4496286" "4961691" "5224836" "5967757" "5997259").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON | 2006/11/26 15:54 |
| S101 | 1 | ("4496286").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/26 16:14 |
| S102 | 2 | ((("4496286") or ("4330237"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/26 16:14 |